

# PATENT ABSTRACTS OF JAPAN

(11) Publication number : **2001-280253**

(43) Date of publication of application : **10. 10. 2001**

(51) Int. Cl.

F04B 39/06

F04B 39/12

F04B 41/06

F04C 23/00

F04C 29/04

(21) Application number : **2000-093719** (71) Applicant : **SANYO ELECTRIC CO LTD**

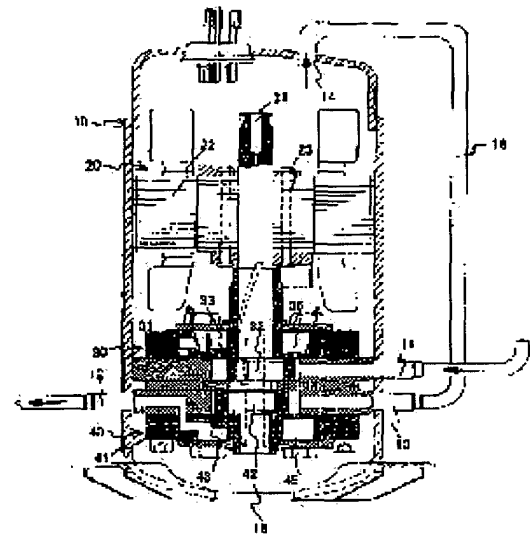
(22) Date of filing : **30. 03. 2000** (72) Inventor : **EBARA TOSHIYUKI**  
**IMAI SATORU**  
**TADANO MASAYA**  
**ODA ATSUSHI**

## (54) MULTISTAGE COMPRESSOR

(57) Abstract:

PROBLEM TO BE SOLVED: To restrain temperature rise of a motor 20.

SOLUTION: A refrigerant compressed by a previous stage compressing element 30 is discharged to the inside of a closed container 10 from a muffler 35, and it is introduced to a following stage compressing element 40 by a following stage side connecting pipe 16 while cooling a motor 20. Thereafter, it is discharged out of a machine after it is compressed by the following stage compressing element 40. Consequently, it is possible to cool the motor 20 in simple constitution.



## LEGAL STATUS

[Date of request for examination] 12. 01. 2001

[Date of sending the examiner's  
decision of rejection]

[Kind of final disposal of application  
other than the examiner's decision of  
rejection or application converted  
registration]

[Date of final disposal for  
application]

[Patent number] 3370046